

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/EP2004/013780

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 C12N15/82 C12N5/10

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 C12N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, BIOSIS, EMBASE, PAJ, WPI Data

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 98/11235 A (CIBA GEIGY AG ;HEIFETZ PETER (US); LEBEL EDOUARD (US); UKNES SCOTT) 19 March 1998 (1998-03-19)  abstract page 7, line 3 - line 8 page 7, line 24 - page 8, line 5 page 11, line 10 - page 12, line 2 page 26, line 29 - page 28, line 18 example C	1,2,6, 9-17, 21-33, 36,37
X	US 5 925 806 A (MCBRIDE KEVIN E ET AL) 20 July 1999 (1999-07-20)  the whole document  ----- -/--	1,2,6, 9-17, 26-38, 41,42

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
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- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*Z\* document member of the same patent family

Date of the actual completion of the international search

23 May 2005

Date of mailing of the international search report

07/06/2005

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 877 402 A (CARRER HELAINE ET AL) 2 March 1999 (1999-03-02)	1-4, 9, 26, 28, 29, 33-37, 39, 41, 42
Y	abstract  column 15, line 10 - line 13 column 24, line 18 - line 22 column 24, line 42 - line 43 example 7	5-8, 10-20, 27, 30-32, 38, 40
X	HEIFETZ P B ET AL: "TRANSGENICS AND BIOTECHNOLOGY CHEMICAL REGULATION OF NUCLEAR AND PLASTID TRANSGENES IN PLANTS" PLANT PHYSIOLOGY, AMERICAN SOCIETY OF PLANT PHYSIOLOGISTS, ROCKVILLE, MD, US, vol. 114, no. 3, 5 August 1997 (1997-08-05), page 308, XP002058230 ISSN: 0032-0889 cited in the application the whole document	1, 2, 6, 9-17, 26-38, 41, 42
X	HEIFETZ P B: "Genetic engeneering of the chloroplast" BIOCHIMIE, MASSON, PARIS, FR, vol. 82, 2000, pages 655-666, XP002190805 ISSN: 0300-9084 page 660, left-hand column, paragraph 3.4 - paragraph 3.5 figure 1	1, 2, 6, 9-17, 26-38, 41, 42
X	US 2003/009783 A1 (DANIELL HENRY ET AL) 9 January 2003 (2003-01-09)	1-4, 9, 26, 28, 29, 33-37, 39, 41, 42
Y	abstract  paragraph '0032!	5-8, 10-20, 27, 30-32, 38, 40
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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	<p>THOMPSON R J ET AL: "STIMULATION OF A CHLAMYDOMONAS CHLOROPLAST PROMOTER BY NOVOBIOICIN IN-SITU AND IN ESCHERICHIA-COLI IMPLIES REGULATION BY TORSIONAL STRESS IN THE CHLOROPLAST DNA" CELL, vol. 48, no. 2, 1987, pages 281-288, XP009027675 ISSN: 0092-8674 abstract page 281, right-hand column, line 9 - line 18</p>	<p>5-8, 10-20, 27, 30-32, 38,40</p>
X	<p>WO 01/02593 A (CALGENE LLC; MCBRIDE, KEVIN; OULMASSOV, TIM, N; MILLER, PAULA, C; ANDE) 11 January 2001 (2001-01-11)</p> <p>abstract page 2, line 14 - line 23 page 3, line 30 - page 4, line 16 page 11, line 9 - page 12, line 3 page 30, line 15 - line 18 examples 1,2B,4B,5B,8</p>	<p>1-6, 9-11,19, 26,28, 30,31, 33-39, 41,42</p>

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